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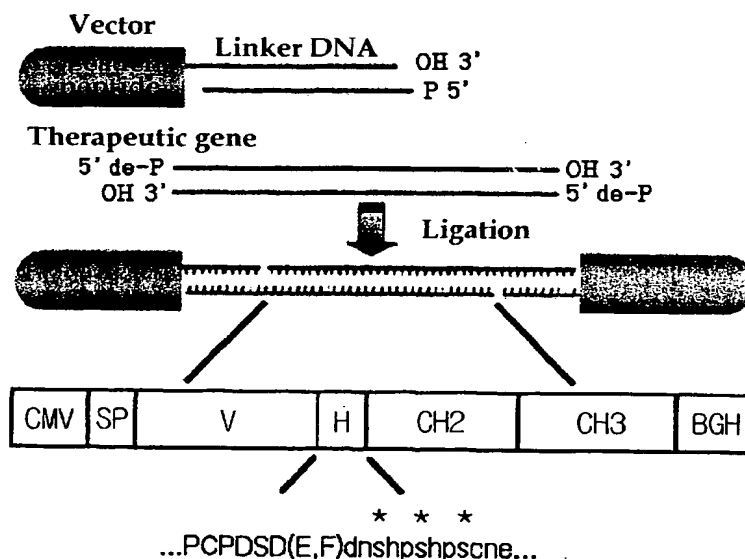
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(54) Title: RECOMBINANT PEPTIDE VECTOR COMPRISING THE GENE FOR TREATMENT FOR AUTOIMMUNE DIS-
EASES.



(57) Abstract: The present invention provides a recombinant peptide vector comprising a leader peptide, linker DNAs and a DNA construct formed by operably linking expression control sequences with a therapeutic gene encoding a fusion protein where the extracellular domain of CTLA4 is bound to the Fc fragment of immunoglobulin, wherein the leader peptide is linked to both ends of the DNA construct by the linker DNAs. Also, the present invention provides a method for preparing the recombinant peptide vector, and a pharmaceutical composition for the treatment of autoimmune diseases, which comprises a pharmaceutically effective amount of the recombinant peptide vector, and a pharmaceutically acceptable carrier.

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